



# Chevron Chemical Company

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February 8, 1982

ORTHO PARAQUAT CL

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DEPARTMENT  
ENVIRONMENTAL QUALITY

Mr. Allan Goldberg  
Environmental Specialist  
Iowa Department of Environmental Quality  
316 Walnut  
Atlantic, Iowa 50022

As we discussed on February 5, 1982, Chevron Chemical's Ortho Paraquat CL is paraquat dichloride. The IUPAC name is 1,1-dimethyl-4,4'-bipyridinium dichloride. The active ingredient is the 1,1-dimethyl-4,4' bipyridinium ion. Methyl sulfate is not present in Ortho Paraquat CL nor is it a reactant at any point in our manufacturing process.

The di(methyl sulfate) salt of the 1,1'dimethyl'4, 4'bipyridium anion can be manufactured but as far as we know it is not produced in the United States.

If you wish additional information on Ortho Paraquat CL, please contact Ms. Kathy Krug at (415) 894-3906.

*Kathy Krug*  
K. E. KRUG

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